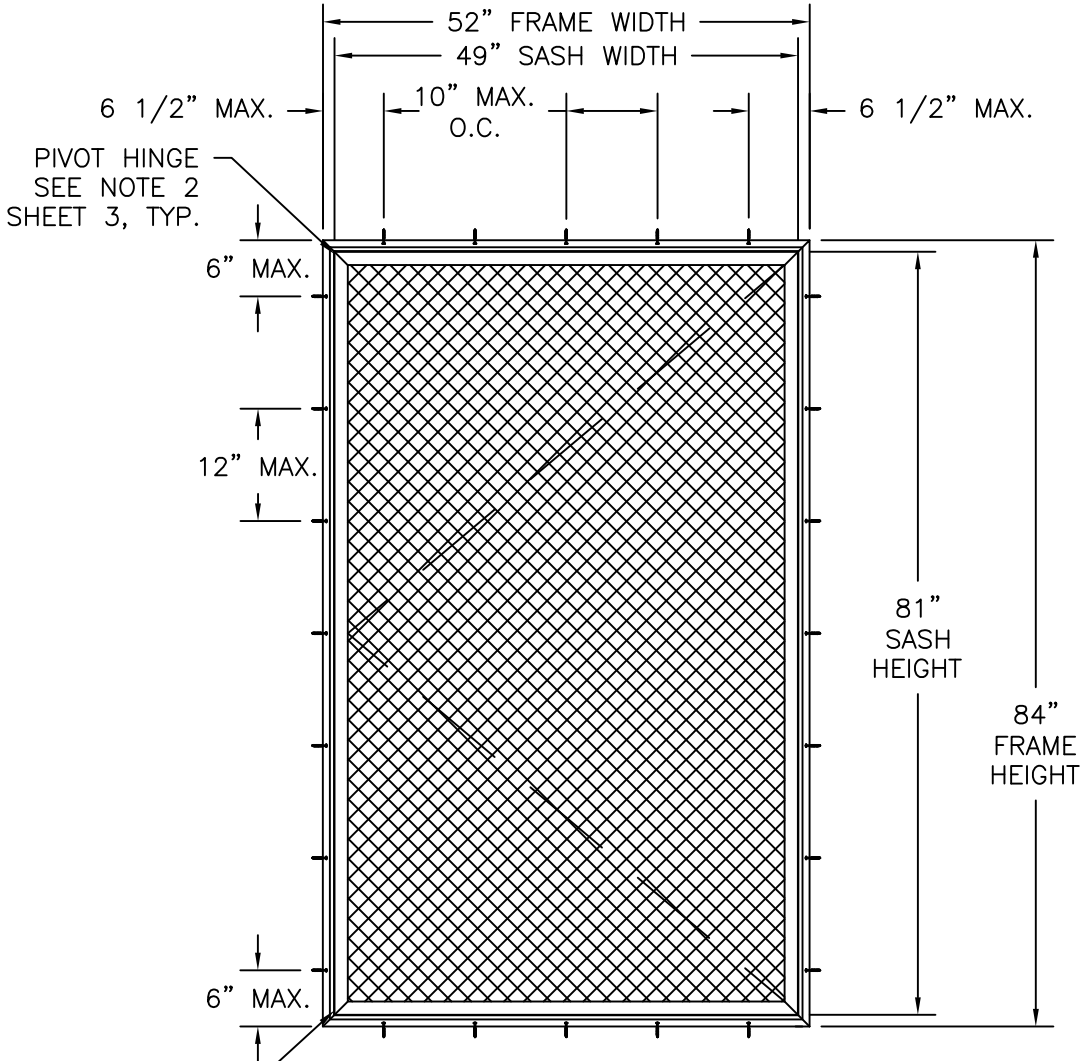


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	12/28/23	R.L.

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
 2. WOOD FRAMING METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 3. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 5. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5 .080" THICK.
 6. SASH MATERIAL: EXTRUDED ALUMINUM 6063-T5 .088" THICK.
 7. SCREEN MATERIAL: .035" STAINLESS STEEL WITH 12 x12 STRANDS PER SQUARE INCH AND .048" OPEN SPACE BETWEEN STRANDS. MESH FINISH MAY BE NATURAL OR PAINTED.
 8. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.



985HV-12S SIDE PIVOT ALUMINUM
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

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TAPCO INCORPORATED

1815 McCULLOUGH BLVD

TUPELO, MS 38801

985HV-12S PIVOT ALUMINUM

HURRICANE SCREEN IMPACT HVHZ

SINGLE UNIT ELEVATION

DRAWN: TJH

DWG NO. 08-01235A

REV A

SCALE NTS

DATE 04/26/11

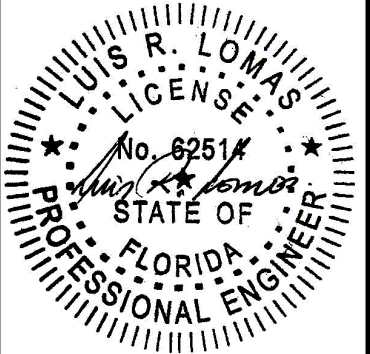
SHEET 1 OF 8

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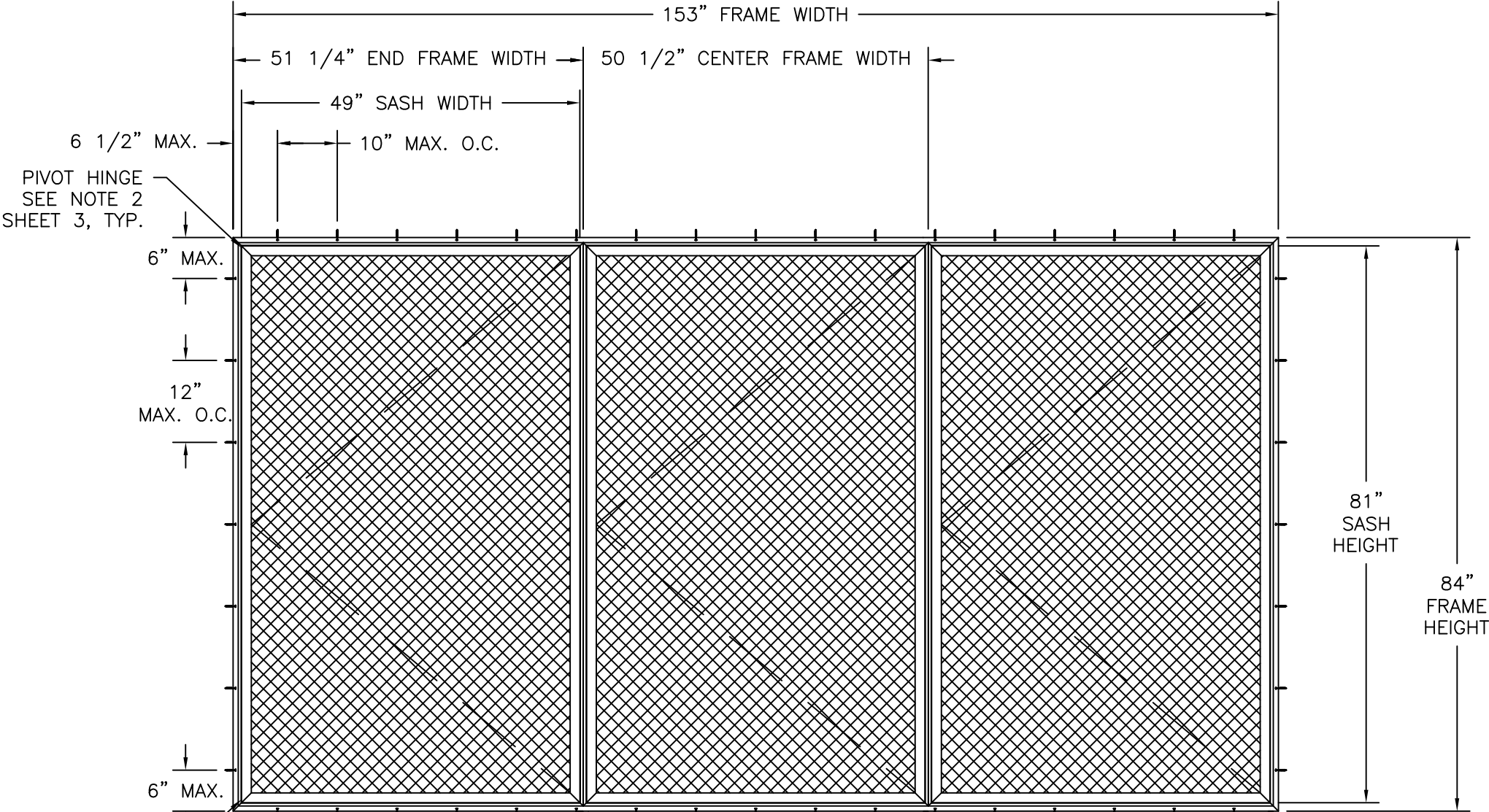
434-688-0609 rllomas@lrlomaspe.com

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REVISIONS			
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NOTES:
1. TRIPLE WIDE SHOWN WITH ACTIVE SASHES. UNLIMITED UNITS VERTICALLY AND HORIZONTALLY IN ANY COMBINATION OF ACTIVE AND FIXED SASHES ARE APPROVED AS LONG AS INDIVIDUAL SASH DOES NOT EXCEED OVERALL SASH SIZE AS SHOWN HEREIN AND VERTICAL MULLION DOES NOT EXCEED 84".

985HV-12S MULLED ALUMINUM HURRICANE SCREEN
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

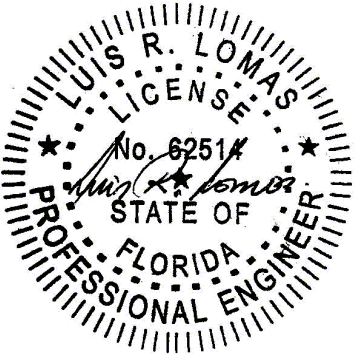
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TUPELO, MS 38801

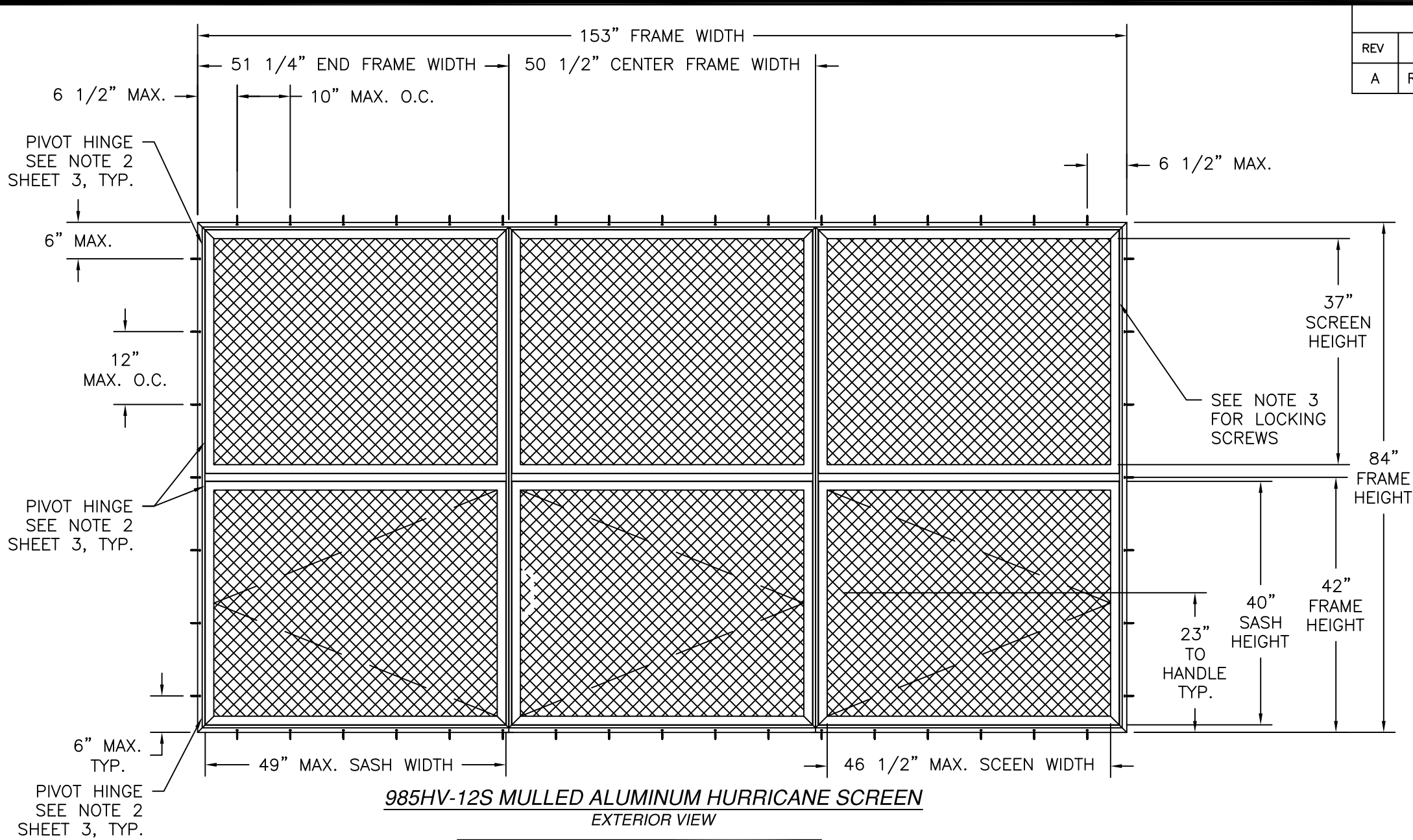
985HV-12S PIVOT ALUMINUM
HURRICANE SCREEN IMPACT HVHZ
SINGLE UNIT ELEVATION

DRAWN: TJH	DWG NO. 08-01235A	REV A
SCALE NTS	DATE 04/26/11	SHEET 2 OF 8

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985HV-12S MULLED ALUMINUM HURRICANE SCREEN
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE & SMALL MISSILE IMPACT

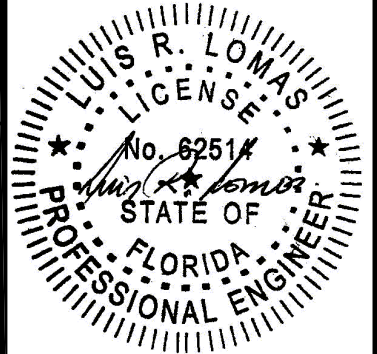
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

NOTES:

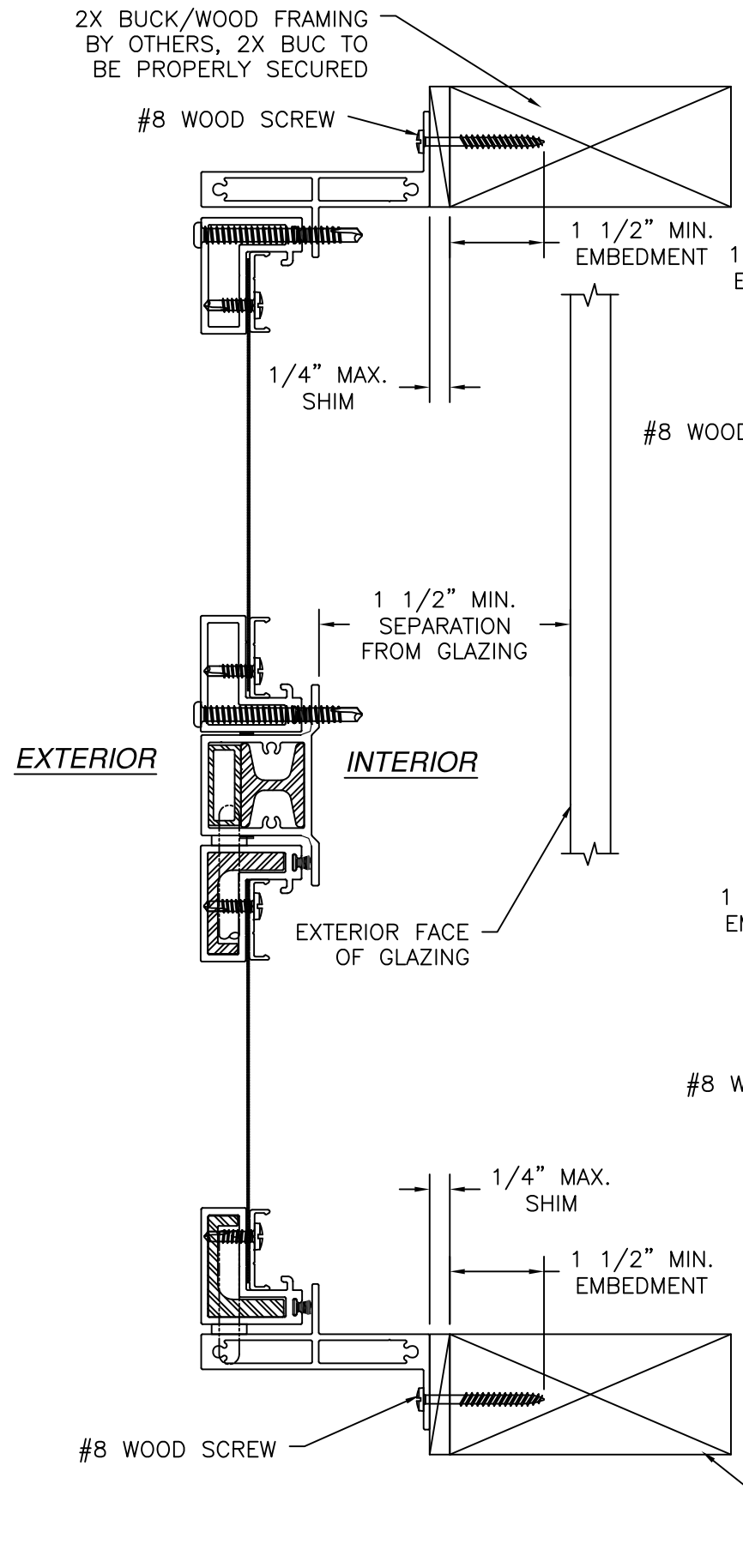
1. TRIPLE WIDE WITH TRANSOM SHOWN WITH ACTIVE SASH ON BOTTOM AND FIXED SASH ON TOP. UNLIMITED UNITS VERTICALLY AND HORIZONTALLY IN ANY COMBINATION OF ACTIVE AND FIXED SASHES ARE APPROVED AS LONG AS INDIVIDUAL SASH DOES NOT EXCEED OVERALL SASH SIZE AS SHOWN HEREIN AND VERTICAL MULLION DOES NOT EXCEED 96" AND HORIZONTAL MULLION DOES NOT EXCEED 51 1/4".
2. PIVOT HINGES ARE LOCATED AT TOP AND BOTTOM OF EACH SASH. PIVOT HINGES ARE $\phi 1/4"$ x 2 1/2"
3. INSTALL LOCKING SCREWS #10x1 1/2" AT FIXED SASH AS FOLLOWS: 6" FROM EACH SASH END AND ONE MORE AT CENTER OF SASH.

TAPCO INCORPORATED 1815 McCULLOUGH BLVD TUPELO, MS 38801		
985HV-12S PIVOT ALUMINUM HURRICANE SCREEN IMPACT HVHZ SINGLE UNIT ELEVATION		
DRAWN: TJH	DWG NO. 08-01235A	REV A
SCALE NTS	DATE 04/26/11	SHEET 3 OF 8
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

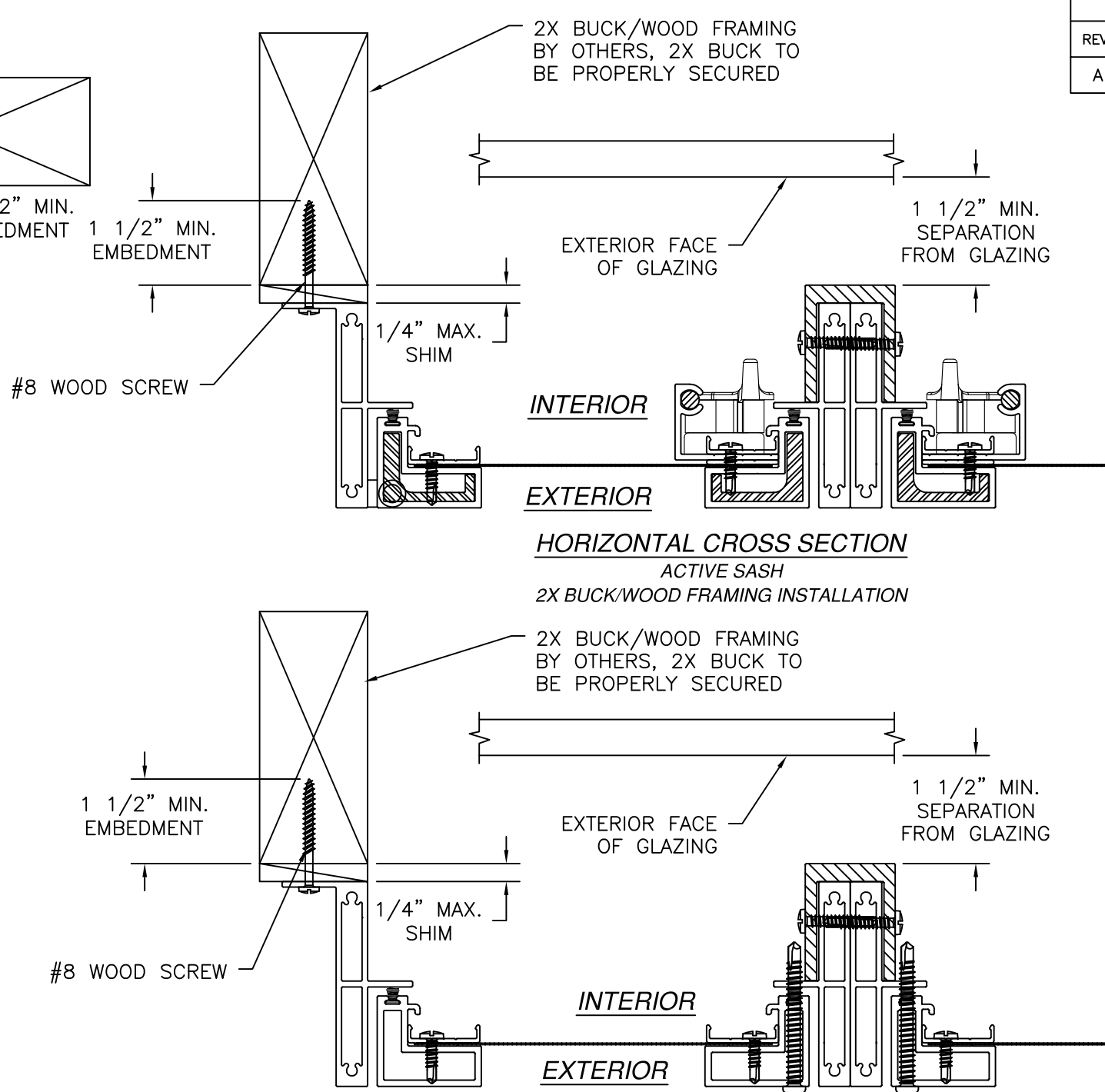
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VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



HORIZONTAL CROSS SECTION
FIXED SASH
2X BUCK/WOOD FRAMING INSTALLATION

REVISIONS			
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- ANCHORING NOTES:
1. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 2. FOR ANCHORING INTO MASONRY USE 3/16" ELCO ULTRACON TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 3. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 4. FOR ANCHORING INTO 16GA. MINIMUM STEEL STUD FRAMING USE #8 TEK SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREAD PITCH MINIMUM BEYOND SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 5. FOR ANCHORING INTO 1" x 1" x 1/8" THICK WALL MINIMUM ALUMINUM 6063-T6 TUBE FRAMING USE #10 TEK SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3-THREAD PITCH MINIMUM BEYOND SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 6. ALL FASTENERS TO BE CORROSION RESISTANT.
 7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 7.A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 7.B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - 7.C. MASONRY: STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 7.D. STEEL STUD FRAMING: 16GA. MINIMUM.
 - 7.E. ALUMINUM TUBE FRAMING: 6063-T6 1" x 1" x 1/8" MINIMUM WALL.

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TAPCO INCORPORATED
1815 McCULLOUGH BLVD
TUPELO, MS 38801

985HV-12S PIVOT ALUMINUM
HURRICANE SCREEN IMPACT HVHZ
INSTALLATION DETAILS

DRAWN:
TJH

DWG NO.
08-01235A

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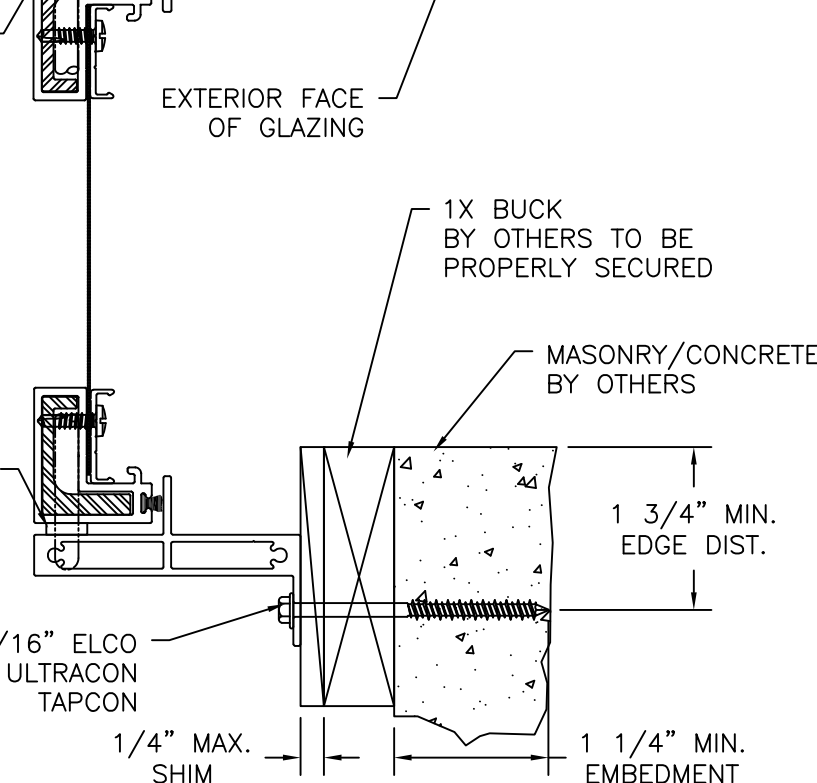
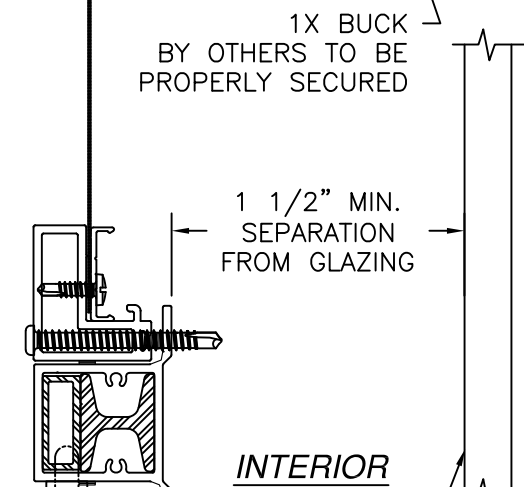
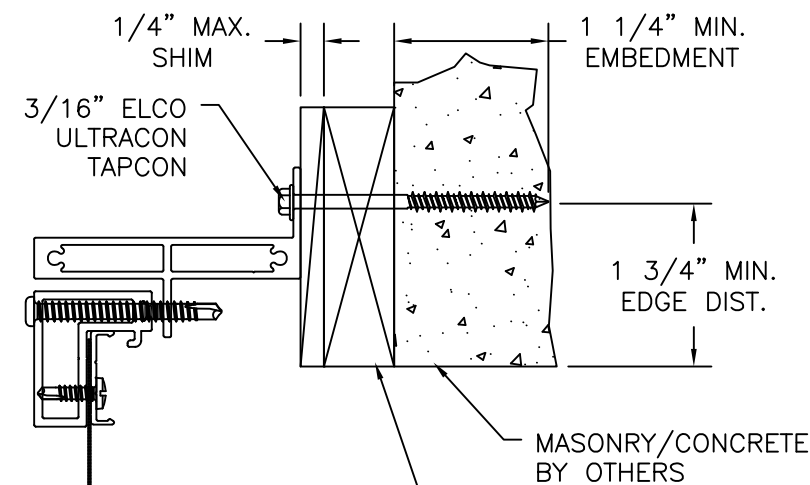
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4 OF 8

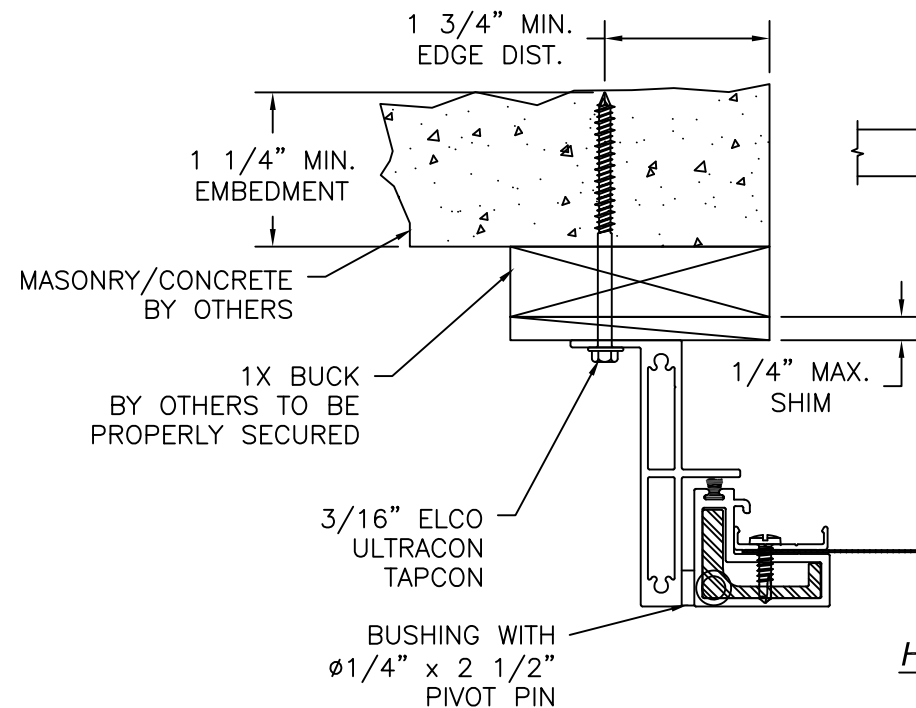
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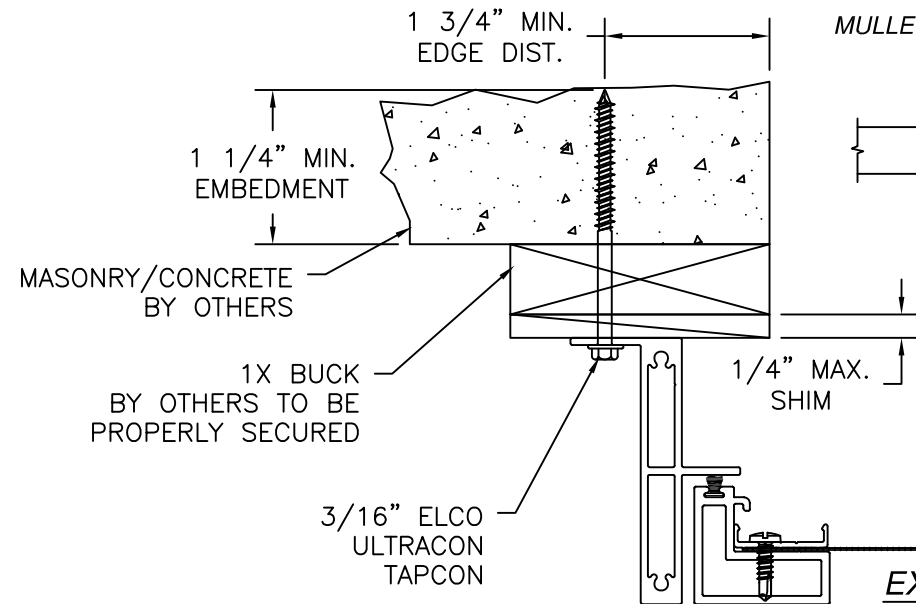
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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION
MULLED SCREEN SHOWN, SINGLE SCREEN SIMILAR

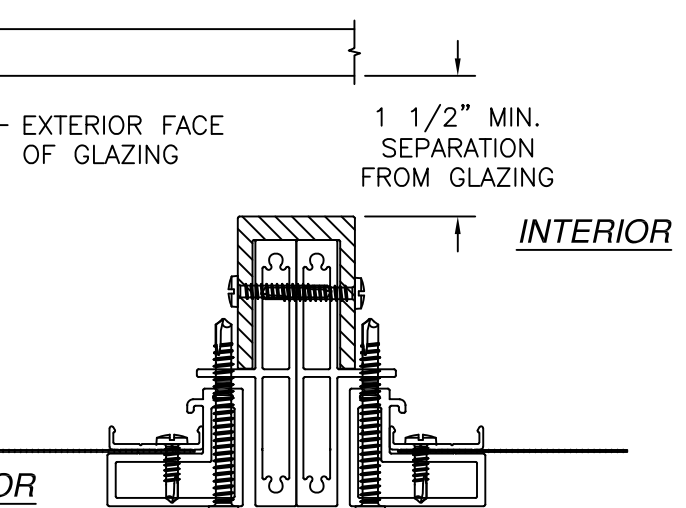
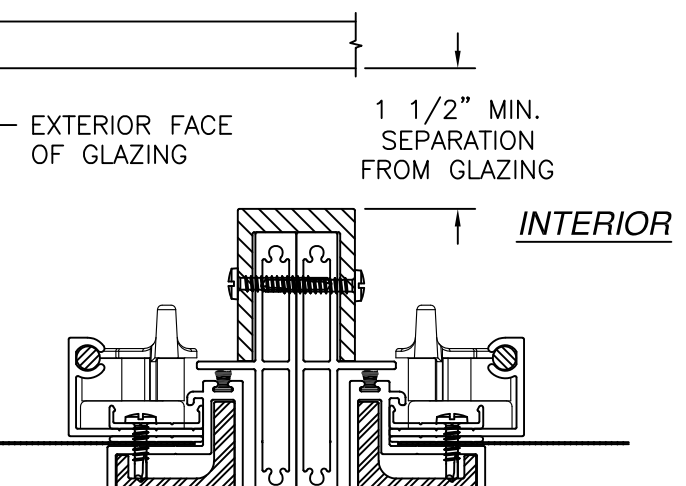


HORIZONTAL CROSS SECTION
ACTIVE SASH
MASONRY/CONCRETE INSTALLATION
MULLED SCREEN SHOWN, SINGLE SCREEN SIMILAR



HORIZONTAL CROSS SECTION
FIXED SASH
MASONRY/CONCRETE INSTALLATION

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TAPCO INCORPORATED
1815 McCULLOUGH BLVD
TUPELO, MS 38801

985HV-12S PIVOT ALUMINUM
HURRICANE SCREEN IMPACT HVHZ
INSTALLATION DETAILS

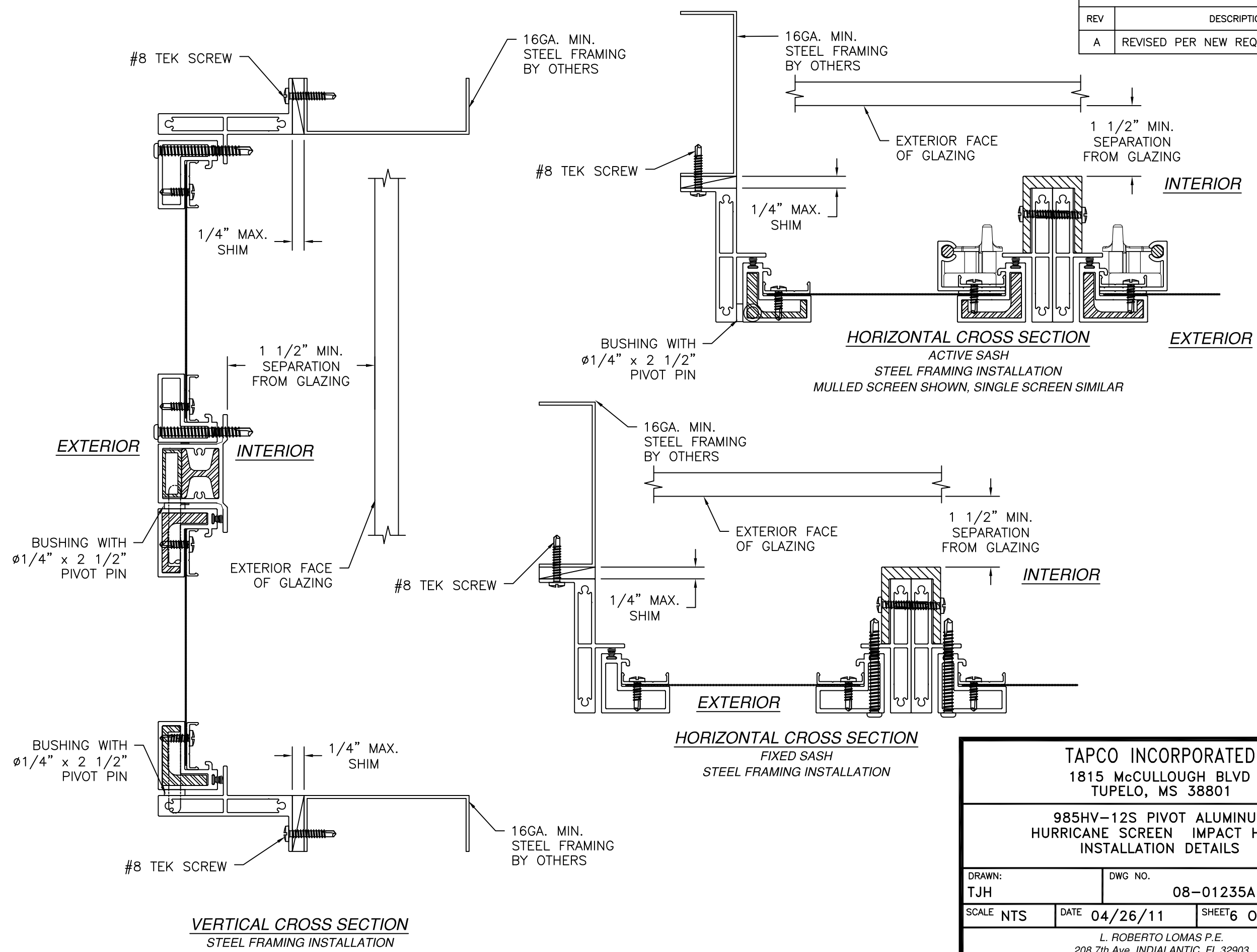
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SCALE NTS	DATE 04/26/11	SHEET 5 OF 8

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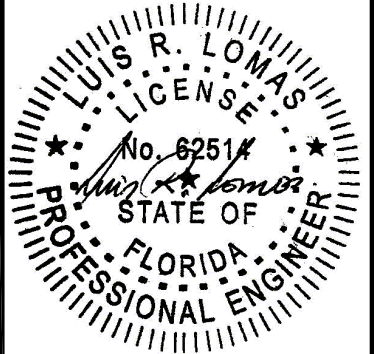
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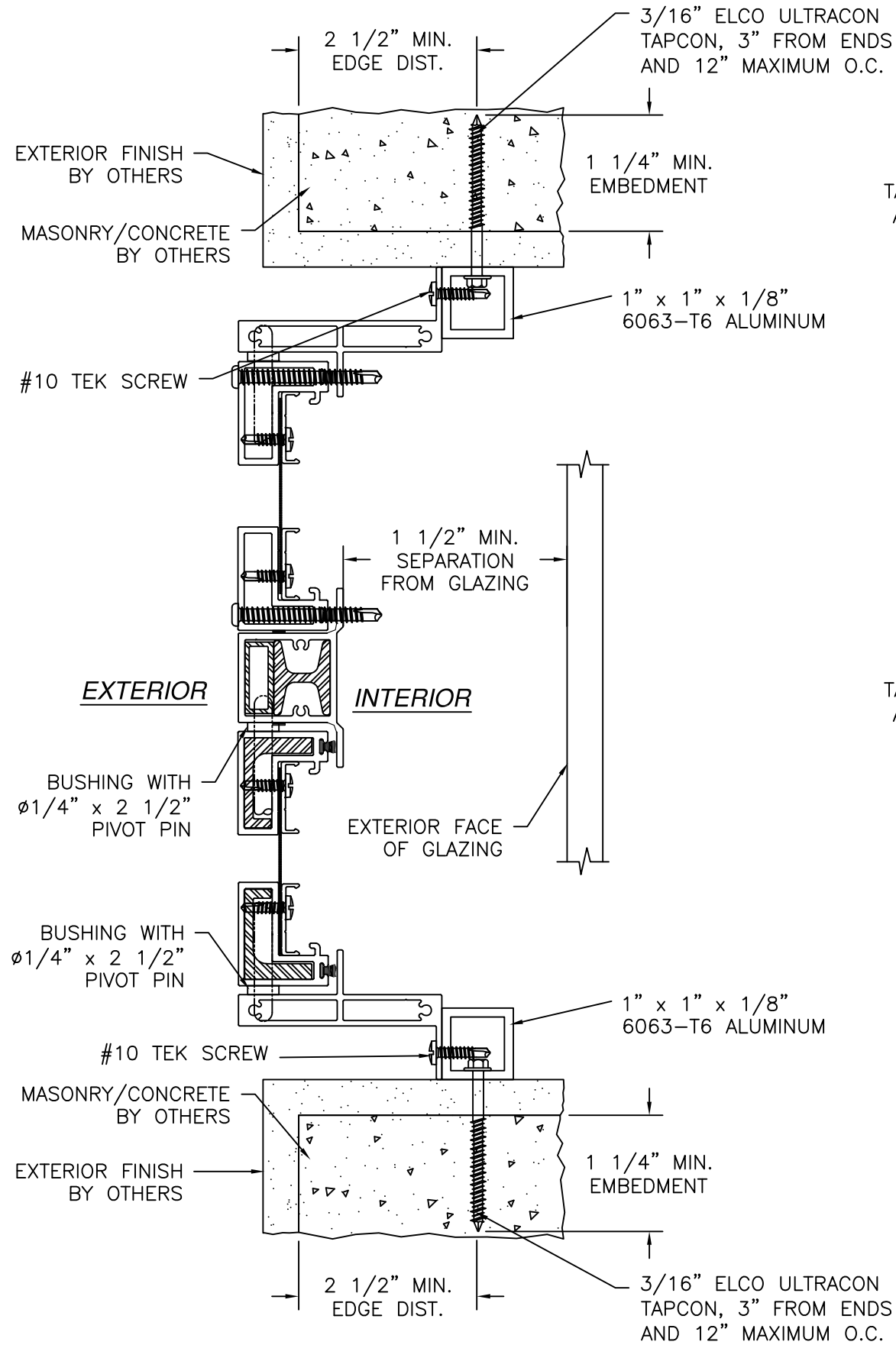


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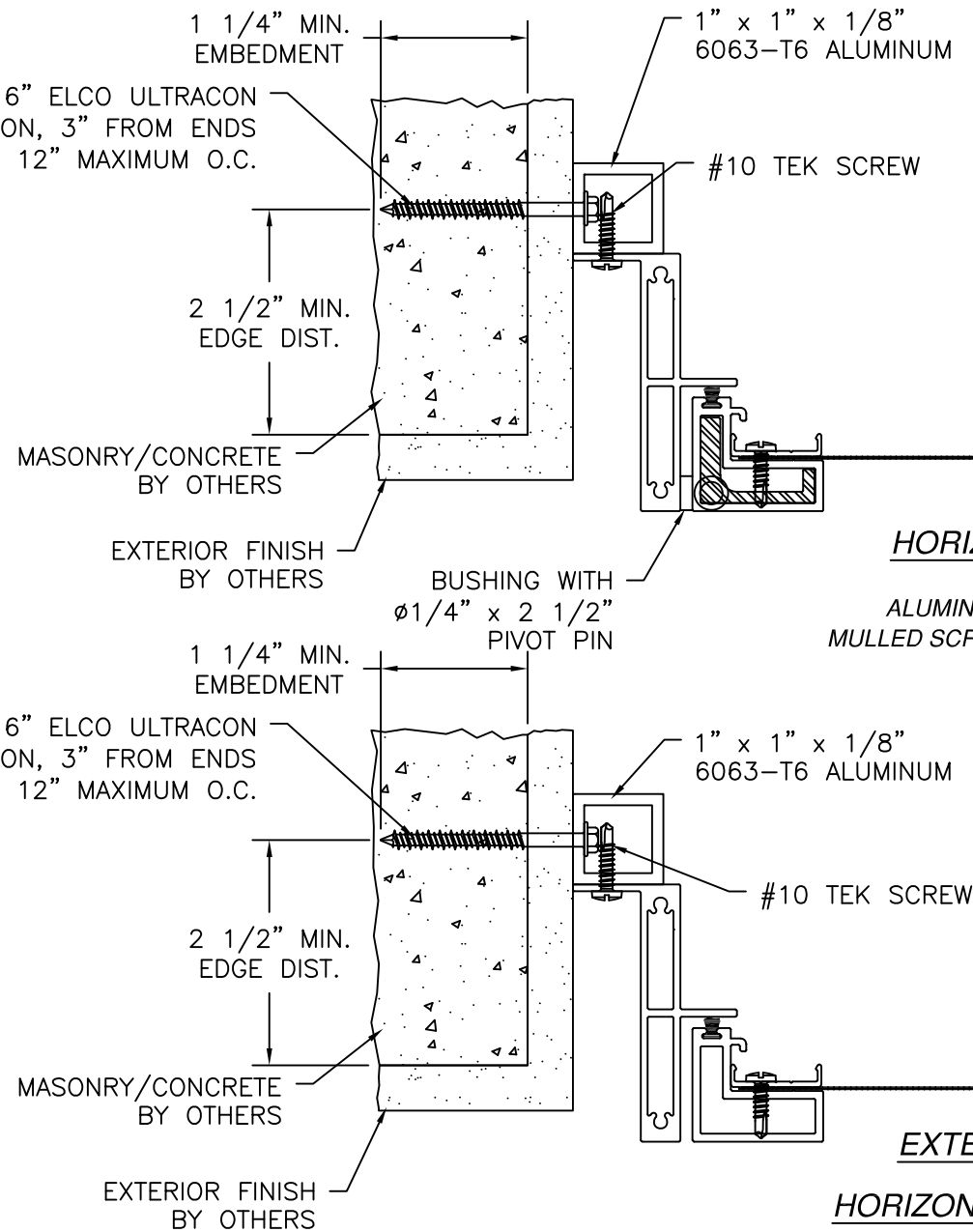
TAPCO INCORPORATED 1815 McCULLOUGH BLVD TUPELO, MS 38801		
985HV-12S PIVOT ALUMINUM HURRICANE SCREEN IMPACT HVHZ INSTALLATION DETAILS		
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VERTICAL CROSS SECTION
ALUMINUM TUBE FRAMING INSTALLATION
MULLED SCREEN SHOWN, SINGLE SCREEN SIMILAR



HORIZONTAL CROSS SECTION
FIXED SASH
ALUMINUM TUBE FRAMING INSTALLATION

HORIZONTAL CROSS SECTION
ACTIVE SASH
ALUMINUM TUBE FRAMING INSTALLATION
MULLED SCREEN SHOWN, SINGLE SCREEN SIMILAR

TAPCO INCORPORATED 1815 McCULLOUGH BLVD TUPELO, MS 38801		
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